

METHOD OF STALL IDENTIFICATION AND RECOVERY

ABSTRACT

5 A method of wireless communication. The method includes the step of
determining a probability of a stalling condition for at least one data packet in a
sequence of data packets. The method also includes the step of transmitting a
flush command in response to the determined probability of the stalling
condition. Prior to the transmitting of a flush command, a wait time may be
10 estimated in response to the probability determined for the stalling condition.
This wait time may be estimated by determining an average number of time slots
necessary before the first data packet may be transmission. The estimated wait
time may depend on the successful transmission of another packet having a
lower order (e.g., previous) designation in the sequence of data packets, as well
15 as on the probability determined for the stalling condition (e.g., the probability of
a no-stalling condition).